

RP00439

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Recombinant Human R-spondin-3/RSPO3 Protein

Catalog No.: RP00439

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	84870	Q9BXY4

Tags

C-Fc&His

Synonyms

RSPO3;CRISTIN1;PWTSR;THSD2

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH7.2. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

This protein belongs to the R-spondin family. The encoded protein plays a role in the regulation of Wnt (wingless-type MMTV integration site family)/beta-catenin and Wnt/planar cell polarity (PCP) signaling pathways, which are involved in development, cell growth and disease pathogenesis. Genome-wide association studies suggest a correlation of this gene with bone mineral density and risk of fracture. This gene may be involved in tumor development.

Basic Information

Description

Recombinant Human R-spondin-3/RSPO3 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Gln22-His272) of human R-spondin-3/RSPO3 (Accession #Q9BXY4) fused with an Fc, 6×His tag at the C-terminus.

Bio-Activity

Storage

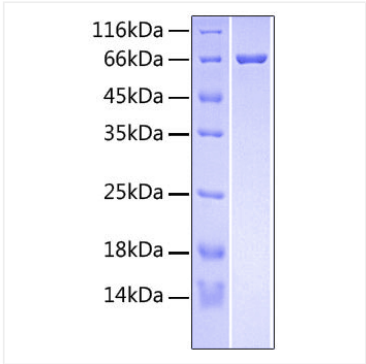
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

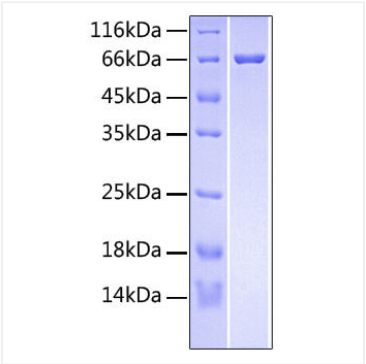


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Validation Data



Recombinant protein Human R-spondin-3/RSPO3 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 70 kDa.



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